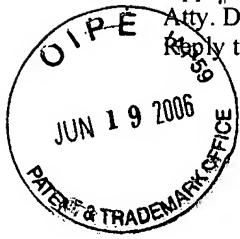
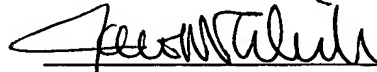


Application Serial No. 10/797,651  
Atty. Docket No. 10030988-1  
Reply to Office Action dated 2/22/06



## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2006.

  
Jacob N. Erlich  
Reg. No. 24,338

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Miao ZHU	Examiner: Brian J. SINES
Application Serial No.: 10/797,651	Group Art Unit: 1743
Filed: March 10, 2004	Confirmation No. 4197
Title: METHOD AND APPARATUS FOR SEQUENCING POLYMERS THROUGH TUNNELING CONDUCTANCE VARIATION DETECTION	

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P.O. Box 7599  
Loveland, CO 80537-0599

To: Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## RESPONSE TO OFFICE ACTION UNDER 37 CFR 1.111

Sir:

In reply to the Office Action dated February 22, 2006, Applicant files the following response.

**Listing of Claims** begins on **page 2** of this paper.

**Remarks/Arguments** begin on **page 8** of this paper.